

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR03/01534

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 C07D 405/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 07 C07D 405/12

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patents and applications for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
STN (Registry, CA)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GARY J. GROVER, et al., "Pharmacologic Characterization of BMS-191095, a Mitochondrial Katp Opener with No Peripheral Vasodilator or Cardiac Action Potential Shortening Activity", The Journal of Pharmacology and Experimental Therapeutics, 2001, Vol.297, No.3, pp.1184-92 See the whole document	1, 8-11
X	CHARLES Z. DING, et al., "Cardioselective Antiischemic ATP-Sensitive Potassium Channel Openers. 6. Effect of Modifications at C6 of Benzopyranyl Cyanoguanidines", Journal of Medicinal Chemistry, 1999, Vol.42, No.18, pp.3711-7 See the whole document	1,8-11
X	US 5837702 A (Bristol-Myers Squibb Co.) 17 November 1998 See the whole document	1,3-5,8-11
X	GEORGE C. ROVNYAK, et al., "Cardioselective Antiischemic ATP-Sensitive Potassium Channel Openers. 5. Identification of 4-(N-Aryl)-Substituted Benzopyran Derivatives with High Selectivity", Journal of Medicinal Chemistry, 1997, Vol.40, No.1, pp.24-34 See the whole document	1,8-11
X	US 5629429 A (Bristol-Myers Squibb Co.) 13 May 1997 See the whole document	1,3-5

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

14 NOVEMBER 2003 (14.11.2003)

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 648758 A1 (Bristol-Myers Squibb Co) 19 April 1995 See the whole document	1,3-5, 8-11
A	US 2002/82292 A1 (Merck and Co. Inc) 27 June 2002 See the whole document	1-11

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/KR03/01534

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5837702 A	17.11.98	CA 2132766 AA JP 07-242650 A2 CN 1107473 A	08.04.95 19.09.95 30.08.95
US 5629429 A	13.05.97	None	
EP 648759 A1	19.04.95	JP 07-242650 A2 AU 9474461 A1 CN 1107473 A HU 72447 A2 FI 9404624 A	19.09.95 27.04.95 30.08.95 29.04.96 08.04.95
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